



Reference Document	Document No.	LINDEN-SPE-7316
Title	Cable Spec – Buoyant STFOC SS Armoring (-290)	

Cable Specification

Item No.	Component	Details
1	Cable OD	4.7 mm (0.185")
2	Cable OD Tolerance	±0.1mm (±0.004")
3	Fiber	Singlemode
4	Jacket	Linden Proprietary Design; Primary strength coating: LCP/SS Armor/TPU
5	Attenuation @ 1310 nm (dB/km)	< 0.45
6	Attenuation @ 1550 nm (dB/km)	< 0.35
7	Optical Propagation Loss Measurements	Performed 100% on all cables at 1310nm and 1550nm
8	Tensile Strength (lb); measured at stress rate ~ 100 lbs/min	300
9	Serialization	All cables will have Cable ID number for traceability
10	Test Data	A package detailing optical propagation, loss and tensile strength data will be supplied with each shipment
11	SG	0.95

OD (P/N): 4.7 mm (1-SM-A-21-B-24-W-48-FQ-185)